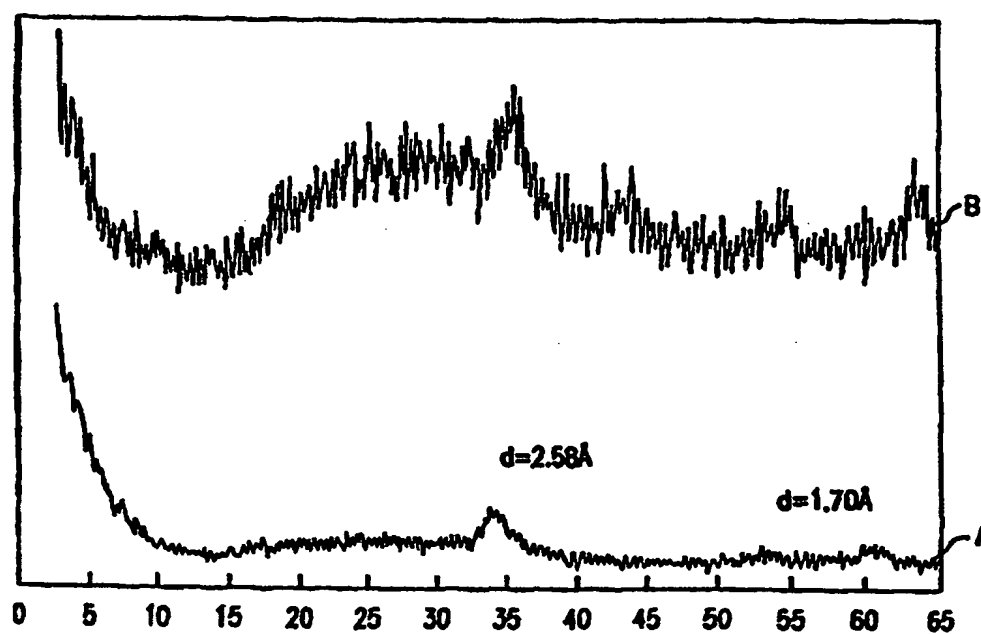




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(21) International Application Number: PCT/US00/01007 (22) International Filing Date: 14 January 2000 (14.01.00) (30) Priority Data: 09/231,156 15 January 1999 (15.01.99) US (71) Applicant (for all designated States except US): EXXON-MOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): HANTZER, Sylvain, S. [-/US]; 37620 Seven Oaks Avenue, Prairieville, LA 70769 (US). RILEY, Kenneth, Lloyd [-/US]; 1289 Rodney Drive, Baton Rouge, LA 70808 (US). (74) Agents: OTT, Roy, J. et al.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: HYDROPROCESSING USING BULK GROUP VIII/GROUP VIB CATALYSTS		
 <p>The figure is an X-ray diffraction pattern. The x-axis represents the diffraction angle 2θ in degrees, ranging from 0 to 65 with major tick marks every 5 units. There are two curves plotted: Curve A is the lower curve, showing a broad peak at approximately 34° labeled 'd=2.58Å' and a sharper peak at approximately 53° labeled 'd=1.70Å'. Curve B is the upper curve, showing a broad peak at approximately 34° and a sharper peak at approximately 53°. Both curves show a sharp initial drop from 0° to about 5°.</p>		
(57) Abstract Hydroprocessing of petroleum and chemical feedstocks using bulk Group VIII/Group VIB catalysts. Preferred catalysts include those comprised of Ni-Mo-W.		

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